

## **-Info-Public Service Commission**

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**From:** Wanner, Kyle C.  
**Sent:** Wednesday, July 24, 2013 9:22 AM  
**To:** -Info-Public Service Commission  
**Cc:** Lein, Jerry R.; Taborsky, Lawrence E.  
**Subject:** Courtenay Wind Farm Comments  
**Attachments:** Courtenay Wind Farm.pdf

Enclosed for filing on behalf of the ND Aeronautics Commission for case #PU-13-64 are comments regarding the Courtenay Wind Farm proposal and the effect that the proposal will have on an airport in the area. If you have any further questions or need additional clarity, please let me know.

Regards,

Kyle Wanner, Airport Planner  
North Dakota Aeronautics Commission  
w (701) 328-9651  
c (701) 425-5926  
<http://www.nd.gov/ndaero/>



**27**   **PU-13-64**   Filed: 7/24/2013   Pages: 7  
**Letter comments**

July 23, 2013

Jerry Lein, Public Utility Analyst  
North Dakota Public Service Commission  
600 E. Boulevard, Dept. 408  
Bismarck, ND 58505-0480



SUBJ: Courtenay Wind Farm

Dear Mr. Lein:

The purpose of this letter is to bring to your attention the safety concerns associated with allowing the construction of the proposed Courtenay Wind Farm and its relationship to the Sprague Airport. Being one of North Dakota's registered private airstrips, the Sprague Airport, with identifier 8ND7 currently allows its owner Robert Sprague to operate his agricultural spraying operation close to the vicinity in which he services. On a yearly basis, approximately 5,000 – 22,000 acres affecting over 50 farmers surrounding the Courtenay/Wimbledon area are provided services from the utilization of this airport.

Our main safety concerns are as follows:

- An object constitutes an obstruction to navigation if the object is 200 ft. above the airport elevation when the obstruction is within 3 miles of an airport. With multiple wind turbines planned to be approximately 500 ft. above the airport elevation, this is a safety concern.
- The proposed wind turbines would also conflict with the FAA Part 77 conical airspace of the airport. This airspace is important for an airport, as it allows the safe transition of aircraft departing and arriving to the airport. (see attached illustration)
- The Sprague Airport is a registered and identifiable airport on the North Dakota sectional chart. The airport may be used by the public who are flying in the area and have an emergency. It is very important to protect any airspace that may be utilized by the public.

With the above listed concerns, it is recommended that the following wind turbines and permanent met towers be removed from the current proposal (see attachment):

- Permanent Met Tower B
- Wind Turbine 1, 2, 3, 10, 11, 12, 13, 21, 22

If I may provide any further assistance or information relating to the importance of protecting the airspace of the Sprague Airport, please advise.

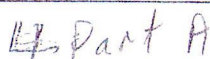
Sincerely,

Kyle C. Wanner  
Airport Planner

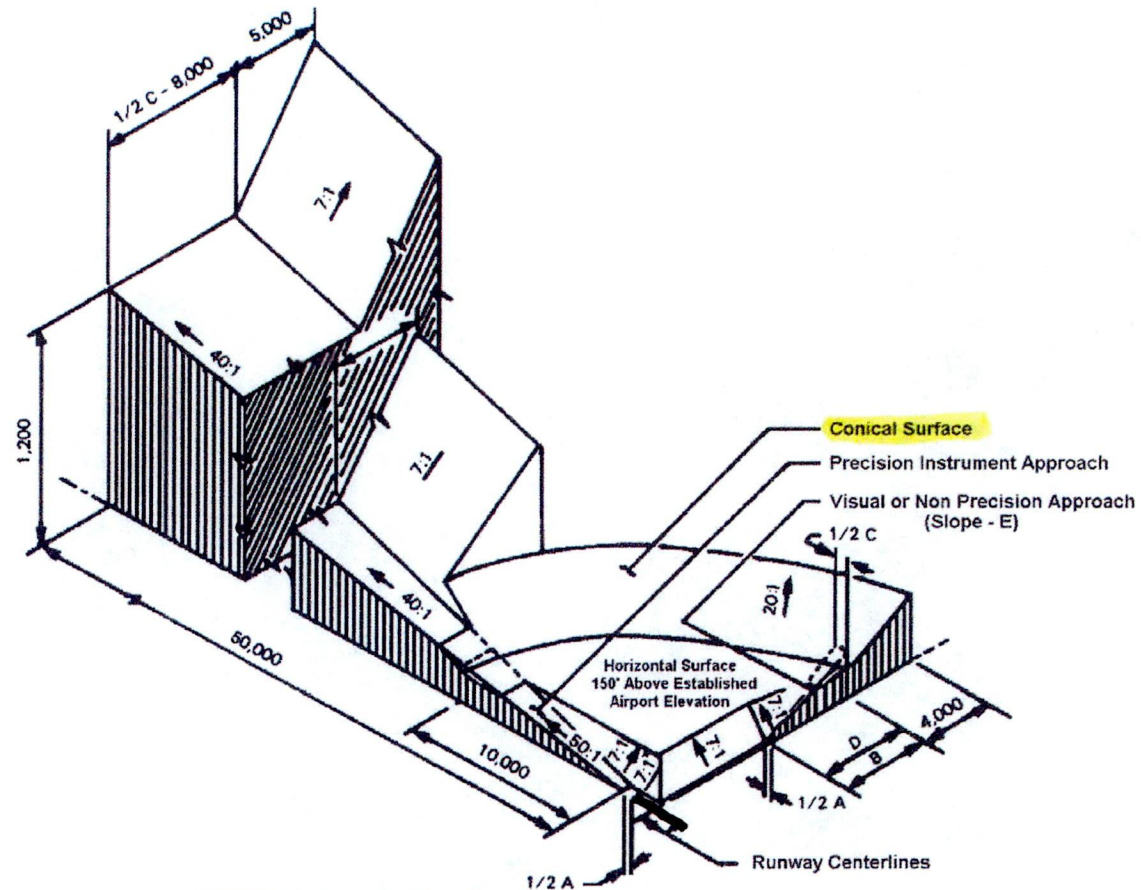
Cc: Larry Taborsky, Director, NDAC



Pravist



# Imaginary Surfaces

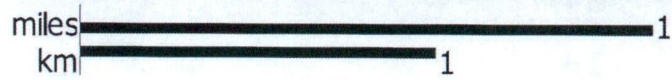


Source: <http://www.ngs.noaa.gov/AERO/oisspec.html>





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1551 users online **LOGIN****8ND7 Sprague Airport**  
Courtenay, North Dakota, USA**FAA INFORMATION EFFECTIVE 27 JUNE 2013**[Log](#) | [Ops](#) | [Rwys](#) | [IFR](#) | [FBO](#) | [Links](#)  
[Com](#) | [Nav](#) | [Svcs](#) | [Stats](#) | [Notes](#)**Location**

FAA Identifier: 8ND7

Lat/Long: 47-07-14.3900N / 098-39-28.2000W

47-07.239833N / 098-39.470000W

47.1206639 / -98.6578333

(estimated)

Elevation: 1555 ft. / 474 m (estimated)

From city: 8 miles SW of COURTENAY, ND

Time zone: UTC -5 (UTC -6 during Standard Time)

Zip code: 58426

**Airport Operations**

Airport use: Private use. Permission required prior to landing

Activation date: 04/2010

Sectional chart: [TWIN CITIES](#)

Control tower: no

ARTCC: MINNEAPOLIS CENTER

FSS: GRAND FORKS FLIGHT SERVICE STATION

Attendance: UNATNDD

Segmented circle: no

**Airport Communications**

WX ASOS at JMS (11 nm S): 118.425 (701-251-9002)

**Nearby radio navigation aids**

VOR radial/distance	VOR name	Freq	Var
<a href="#">JMSr354/11.3</a>	JAMESTOWN VOR/DME	114.50	10E

NDB name	Hdg/Dist	Freq	Var	ID
<a href="#">VALLEY CITY</a>	289/33.8	382	07E	VCY . . . - . . . - . . .

**Airport Services**

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**Aerial photo****No photo available**

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**Sectional chart**

## Runway Information

### Runway 17/35

Dimensions: 2700 x 50 ft. / 823 x 15 m

Surface: turf

**RUNWAY 17 RUNWAY 35**

Traffic pattern: left left

## Airport Ownership and Management from official FAA records

Ownership: Privately-owned

Owner: ROBERT SPRAGUE

8720 20TH ST SE

COURTENAY, ND 58426

Phone 701-435-0018

Manager: ROBERT SPRAGUE

8720 20TH ST SE

COURTENAY, ND 58426

Phone 701-435-0018

## Instrument Procedures

There are no published instrument procedures at 8ND7.

Some nearby airports with instrument procedures:

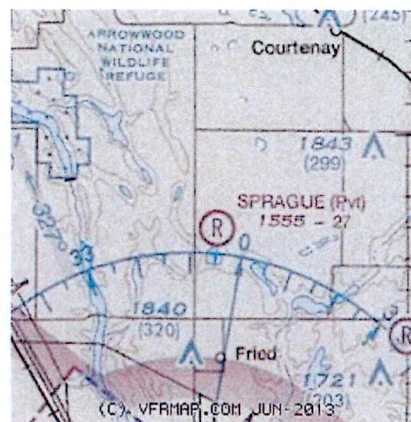
[KJMS](#) - Jamestown Regional Airport (11 nm S)

[46D](#) - Carrington Municipal Airport (28 nm NW)

[KBAC](#) - Barnes County Municipal Airport (28 nm E)

[S32](#) - Cooperstown Municipal Airport (29 nm NE)

[4V4](#) - Northwood Municipal Airport-Vince Field (56 nm NE)



## Airport distance calculator

Flying to Sprague Airport? Find the distance to fly.

From to 8ND7

**▶ CALCULATE DISTANCE**

## Sunrise and sunset

Times for 23-Jul-2013

	Local (UTC-5)	Zulu (UTC)
Morning civil twilight	05:27	10:27
Sunrise	06:04	11:04
Sunset	21:18	02:18
Evening civil twilight	21:55	02:55

## Current date and time

**Zulu (UTC)** 23-Jul-2013 13:55:18  
**Local (UTC-5)** 23-Jul-2013 08:55:18

## METAR

**KJMS** 231256Z AUTO 02003KT 10SM CLR  
 11nm S 14/13 A3005 RMK AO2 SLP177  
 T01440128

## TAF

**KJMS** 231134Z 2312/2412 03006KT P6SM  
 11nm S VCSH SCT040 FM231400 10006KT  
 P6SM SCT050 SCT070 FM240200  
 09004KT P6SM SCT100 FM240600  
 18006KT P6SM SCT120

## NOTAMs

**▶ Click for the latest NOTAMs**

NOTAMs are issued by the DoD/FAA and will open in a separate window not controlled by AirNav.

## Where to Stay: Hotels, Motels, Resorts, B&Bs, Campgrounds